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APR 06 2009

Sub-Form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Date Submitted: April 6, 2009

(use as many sheets as necessary)

Sheet

1 of 6

Complete if Known

Application Number	10/584,243
Filing Date	11/29/2004
First Named Inventor	Masanori NAKAMURA
Art Unit	1793
Examiner Name	Cam N NGUYEN

Attorney Docket Number

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A1	US-2001/0004832-A1		06-28-2001	HANAKI ET AL.	
A2	US-2001/0006934-A1		07-05-2001	KACHI ET AL.	
A3	US-2001/0021358-A1		09-13-2001	KIKUCHI ET AL.	
A4	US-2002/0045543-A1		04-18-2002	TAKATORI ET AL.	
A5	US-2003/0004054-A1		01-02-2003	ITO ET AL.	
A6	US-2003/0083193-A1		05-01-2003	TAKAYA ET AL.	
A7	US-2003/0167752-A1		09-11-2003	NIWA ET AL.	
A8	US-2003/0181316-A1		09-25-2003	HIRAMOTO ET AL.	
A9	US-2004/0055280-A1		03-25-2004	NISHIZAWA ET AL.	
A10	US-2004/0254069-A1		12-16-2004	ITO, JUNJI	
A11	US-2005/0170958-A1		08-04-2005	KIKUCHI ET AL.	
A12	US-2005/0215429-A1		09-29-2005	WAKAMATSU ET AL.	
A13	US-2005/0221978-A1		10-06-2005	SHIRATORI ET AL.	
A14	US-2007/0155626-A1		07-05-2007	YASUDA ET AL.	
A15	US-2007/0167319-A1		07-19-2007	SHIRATORI ET AL.	
A16	US-2007/0203021-A1		08-30-2007	NAKAMURA ET AL.	
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A19	US-3,255,020-		06-07-1966	FERRELL	
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Examiner Signature	/Cam N. Nguyen/	Date Considered	06/04/2009
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				Art Unit	1793
				Examiner Name	Cam N NGUYEN
Sheet	2	of	6	Attorney Docket Number	040302-0567

U.S. PATENT DOCUMENTS				
		Document Number		
A41	US-4,758,418-	07-19-1988	YOO ET AL.	
A42	US-4,765,874-	08-23-1988	MODES ET AL.	
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Sheet	3	of	6	Attorney Docket Number	040302-0567

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		Document Number		
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A84	US-6,335,305-B1	01-01-2002	SUZUKI ET AL.	
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A106	US-6,896,857-B2	05-24-2005	NAKAMURA ET AL.	
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UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS					
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		Serial Number-Kind Code ² (if known)			
	A115	11/722275	06-20-2007	NAKAMURA ET AL.	

Examiner Signature	/Cam N. Nguyen/	Date Considered	06/04/2009
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	A116	JP-07-246343-A	12-25-1984	NIPPON SHOKUBAI KAGAKU KOGYO CO., LTD.	Abst.
	A117	JP-10-216517-A	08-18-1998	TOYOTA MOTOR CORP.	Abst.
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	A122	JP-2000-279824-A	10-10-2000	TANAKA PRECIOUS METAL IND., ET AL.	Abst.
	A123	JP-2001-198466-A	07-24-2001	TOYOTA MOTOR CORP.	Abst.
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	A126	JP-2003-126694-A	05-07-2003	TOYOTA MOTOR CORP.	Abst.
	A127	JP-2003-144923-A	05-20-2003	TOYOTA MOTOR CORP.	Abst.
	A128	JP-2003-181290-A	07-02-2003	TOYOTA MOTOR CORP.	Abst.
	A129	JP-2003-181293-A	07-02-2003	TOYOTA MOTOR CORP.	Abst.
	A130	JP-2003-290658-A	10-14-2003	TOYOTA MOTOR CORP.	Abst.
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	A132	JP-2003-311128-A	11-05-2003	TOYOTA MOTOR CORP.	Abst.
	A133	JP-2004-174490-A	06-24-2004	MAZDA MOTOR CORP.	Abst.
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	A137	JP-3251009-B2	11-16-2001	TOYOTA CENTRAL RES & DEV LAB INC., ET AL.	Abst.
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	A140	EP-0 931 590-B1	07-28-1999	MAZDA MOTOR CORP.	
	A141	EP-0 940 176-A2	09-08-1999	TOYOTA JIDOSHA KABUSHIKI KAISHA	
	A142	WO-97/09114-A1	03-13-1997	INSTITUTIONEN FOR KEMITEKNIK KEMISK TEKNOLOGI KTH	

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NON PATENT LITERATURE DOCUMENTS				
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	A143	A. Martínez-Arias et al., "Study of the lean NO _x reduction with C ₃ H ₆ in the presence of water over silver/alumina catalysts prepared from inverse microemulsions," Applied Catalysts B: Environmental, Vol. 28, 2000, pages 29-41.		
	A144	H. WAKAMATSU et al., US PTO Office Action 11/578,295, 03-19-2009, 8 pgs.		
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	A146	H. WAKAMATSU, et al., US PTO Office Action 11/079,270, 03-04-2009, 6 pgs.		
	A147	H. WAKAMATSU, et al., US PTO Office Action 11/079,270, 05-12-2008, 7 pgs.		
	A148	H. WAKAMATSU, et al., US PTO Office Action 11/079,270, 07-21-2008, 5 pgs.		
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	A153	K. SHIRATORI, et al., US PTO Office Action 10/584,346, dated 11-18-2008, 19 pgs.		
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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/584,243
Date Submitted: April 6, 2009 (use as many sheets as necessary)				Filing Date	11/29/2004
				First Named Inventor	Masanori NAKAMURA
				Art Unit	1793
				Examiner Name	Cam N NGUYEN
Sheet	6	of	6	Attorney Docket Number	040302-0567

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ⁶
	A156	K. SHIRATORI, et al., US PTO Office Action 11/079,377, dated 07-28-2008, 18 pgs.			
	A157	M. CHE et al., "A Study of the Chemisorption of Nitric Oxide on PdY Zeolite, Evidence for a Room Temperature Oxidative Dissolution of Pd Crystallites," The Journal of Physical Chemistry, Vol. 60, No. 21, 1976, 11 pgs.			
	A158	M. NAKAMURA et al., US PTO Office 10/589,890, dated 07-15-2008, 5 pgs.			
	A159	M. NAKAMURA et al., US PTO Office 10/589,890, dated 11-19-2008, 13 pgs.			
	A160	PH. BUFFAT AND J-P BOREL, "Size effect on the melting temperature of gold particles," Physical Review A, June 1976, Vol. 13, No. 6, 12 pgs.			
	A161	R. WILLIS, "PUMICE, Porous Volcanic Rock," Online, XP002364316, URL: http://ceramic-materials.com/cermat/material/2009.html .			
	A162	S. ERIKSSON, et al., "Preparation of Catalysts from Microemulsions and Their Applications in Heterogeneous Catalysis," Applied Catalysis A: General, Vol. 265, No. 2, July 8, 2004, pp. 207-219.			
	A163	T. Kinoshita et al., "Magnetic evaluation of nanostructure of gold-iron composite particles synthesized by a reverse micelle method," Journal of Alloys and Compounds, Vol. 359, No. 1-2, Sept. 22, 2003, pages 46-50.			
	A164	T. Shimizu et al., "Size Evolution of Alkanethiol-Protected Gold Nanoparticles by Heat Treatment in the Solid State", J. Phys. Chem. B, 107, 2003, pages 2719-2724.			
	A165	W.Y. Kim et al., "Methanol synthesis from syngas over supported palladium catalysts prepared using water-in-oil microemulsion," Applied Catalysis A: General, Vol. 169, 1998, pages 157-164.			

Examiner Signature	/Cam N. Nguyen/	Date Considered	06/04/2009
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